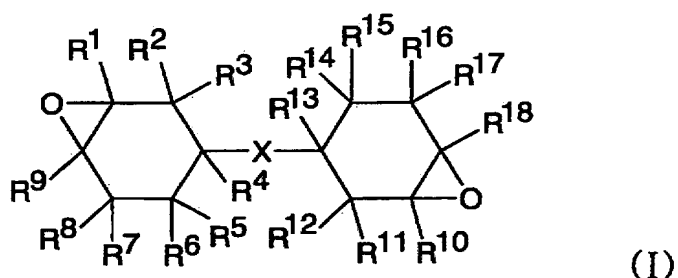


Abstract

The present invention provides a high-purity alicyclic epoxy compound in which an alicyclic olefin compound is epoxidized with an aliphatic percarboxylic acid having substantially no water followed by the removal of a solvent to produce an alicyclic epoxy compound represented by the general formula (I)



that is in turn subjected to purification by distillation to thereby the high-purity alicyclic epoxy compound wherein the concentration of high-molecular-weight components having an elution time shorter than that of the alicyclic epoxy compound in detection by a GPC analysis is 5.5% or less in terms of the area ratio, the concentration of impurities having a retention time shorter than that of the alicyclic epoxy compound in detection by a GC analysis is 19.5% or less in terms of the area ratio, the concentration of reactive intermediates is 4.5% or less in terms of the area ratio, and a color hue (APHA) is 60 or less; a process of efficiently producing the same by the use of a low-toxicity solvent; a curable resin composition using the same; a cured product; and applications.